

10. A system for producing alternating current electric energy comprising:

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- (a) at least one industrial gas turbine for producing electric power;
 - (b) at least one aeroderivative gas turbine for producing electric power;
 - (c) at least one steam turbine, said steam turbine in thermodynamic communication with at least one of said industrial gas turbine or aeroderivative turbine such that the exhaust heat from the turbine is used by the steam turbine to generate electric power;
 - (d) a heat recovery steam generator with supplementary firing equipment associated with each industrial gas turbine and aeroderivative turbine for providing high temperature, high pressure steam to said at least one steam turbine;
 - (e) a fuel system for providing fuel to the industrial turbines, aeroderivative turbines and heat recovery steam generators;
 - (f) a water system for providing a suitable water supply to the steam turbines and the heat recovery steam generators;
 - (g) at least one electric generator powered by one of said gas turbines; and
 - (h) at least one electric generator powered by said steam turbine.
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11. A method for generating electricity, utilizing a power generation system having an industrial gas turbine, one or more aeroderivative gas turbines, and an electric generator driven by at least one of said turbines, wherein said system may be characterized by a first stage in which neither gas turbine is operating, a second stage, following said first stage, in which electricity is generated as the system is being brought up to steady state operation, and a third stage, following said second stage, in which electricity is generated in a substantially steady state operation, said method comprising:

- a. Utilizing, during said second stage, only said aeroderivative gas turbine to drive said electric generator so that the power generation system produces electricity; and
- b. Utilizing, during said third stage, said industrial gas turbine to drive said electric generator so that the power generation system produces electricity.--

Please amend claims 5, 6, and 7 to read as follows:

5. The method of claim 11, wherein said aeroderivative turbines are used to produce electricity until said industrial turbines are producing adequate electrical output, at which time the aeroderivative turbines are be shut down.

6. The method of claim 11, wherein the power generation system includes one or more HRSGs, wherein the aeroderivative turbine is left on-line in said third stage and is used to keep one or more HRSGs in a state of hot stand by for enhanced system start/stop cycling duty capabilities.

7. The method of claim 5, wherein the aeroderivative gas turbine is left online and used to generate electricity when additional electrical output is required in the third stage.

In the Summary of the Invention:

Please replace the paragraph starting on line 16 of page 3 in the application to correct a clerical error. The corrected paragraph should read as follows:

The present invention relates to a system and facility for generating alternating current electric power in which a hybrid, combined cycle power generation facility is provided, including at least one industrial gas turbine, and at least one aeroderivative gas turbine. Such a facility results in lower costs of construction and capital expense and lower costs of production as compared to a combined cycle facility using only aeroderivative turbines. Similarly, the present invention results in a facility that has faster and lower cost start/stop capabilities and better part load fuel efficiencies than combined facilities using only industrial turbines.